Scientists of the Year 2008 at UOW

Academic Career Workshop success

Winning Website
GRANT SUCCESS!

Researchers at the University of Wollongong have been awarded approximately $900,000 for two separate projects by the Federal Government through the International Science Linkages Competitive Grants Scheme. The University of Wollongong’s Centre for Atmospheric Chemistry will receive $588,510 for a project entitled ‘Global Earth Observation and Monitoring of the Atmosphere’. Headed by the Centre’s Co-ordinator, Professor David Griffith (right), the project will involve researchers from the European Union Framework Collaboration, the United States and New Zealand. Professor Griffith’s project aims to standardise the approach taken to remotely sensing greenhouse gases, atmospheric pollution and ozone depletion in the Northern and Southern Hemispheres from satellite and ground-based stations. The other successful UOW project, headed by Professor Chao Zhang (left) from the Institute of Superconducting and Electronic Materials and the School of Engineering Physics, will receive $292,500. The project will establish international collaborations with researchers from the United States and will assist in the development of clean energy technologies such as solid state power generation.

NHMRC PARTNERSHIP PROJECTS

The NHMRC Partnerships initiative was designed by the NHMRC to meet the need for a more effective integration of evidence into health policy and service delivery. Applications must be joint submissions from a research group and one or more partner organisations with the goal of supporting research that is likely to impact on health policies and/or service delivery. Projects may be of any duration up to five years. The maximum amount of NHMRC funding that may be requested for a single application is $1.5 million. Partner organisations must make a significant contribution in cash and/or in-kind. A combined total contribution of at least the same value (in cash and/or in-kind) as NHMRC funds is expected.

For further information on this scheme please contact Sharon Clarke x5815 or email clarke@uow.edu.au

BILL & MELINDA GATES FOUNDATION

The Bill & Melinda Gates Foundation is now accepting grant proposals for Round 2 of Grand Challenges Explorations, a US$100 million initiative to help scientists pursue innovative ideas for solving major global health problems. Anyone can apply, regardless of education or experience level. Grant proposals are being accepted online at http://www.gcgh.org/explorations until November 2 on the following topics:

- Create new vaccines for diarrhoea, HIV, malaria, pneumonia, and tuberculosis
- Create new tools to accelerate the eradication of malaria
- Create new ways to protect against infectious diseases
- Create drugs or delivery systems that limit the emergence of resistance
- Create new ways to prevent or cure HIV infection
- Explore the basis for latency in tuberculosis

Initial grants will be $100,000 each, and projects showing promise may have the opportunity to receive additional funding of $1 million or more. For further information please contact Elizabeth Phillips on x4522 or email eliza@uow.edu.au

2009 URC SMALL GRANT SCHEME

A total of 80 applications were received under the 2009 Small Grant Scheme. Of these, a total of 37 (46%) were successful with funding awarded totalling $379,437 (Arts 2, Commerce 3, Creative Arts 1, Education 2, Engineering 10, Health & Behavioural Sciences 4, Informatics 5, Law 1 and Science 9). For details of successful applications please see: https://intranet.uow.edu.au/raid/rso/grantoutcomes/index.html?

2008 URC RESEARCH PARTNERSHIPS GRANT SCHEME

Three applications for funding under Round 1 of the Research Partnership Scheme were successful with funding awarded totalling $38,000. The successful applicants were:

<table>
<thead>
<tr>
<th>Chief Investigator</th>
<th>Faculty</th>
<th>Industry Partner</th>
<th>Project Title</th>
<th>Funding Awarded</th>
</tr>
</thead>
<tbody>
<tr>
<td>Byron Keating</td>
<td>Informatics</td>
<td>Business</td>
<td>Investigating the structural factors affecting tourism from rapidly emerging markets</td>
<td>$19,225</td>
</tr>
<tr>
<td>Greg Kerr</td>
<td>Commerce</td>
<td>Central Coast</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sara Dolnicar</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Danny Sutanto</td>
<td>Informatics</td>
<td>TransGrid</td>
<td>Agent-based simulation for catastrophic disturbances in a distributed power grid system</td>
<td>$20,000</td>
</tr>
<tr>
<td>Minjie Zhang</td>
<td></td>
<td>Australia</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Kashem Muttaqi</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ping Yu</td>
<td>Informatics</td>
<td>Centre Health</td>
<td>Investigating IT solutions for integrated Primary health care</td>
<td>$6,000</td>
</tr>
<tr>
<td>Jun Yan</td>
<td></td>
<td>Complex</td>
<td></td>
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Round 2 of the 2008 URC Research Partnership Scheme is now open with a closing date of Friday, 31 October. The guidelines and application form are available from: https://intranet.uow.edu.au/raid/rso/urc-research-partnership/UOW021755.html

Need Assistance with your Grant Application?
The Statistical Consulting Service (SCS) in the School of Mathematics and Applied Statistics provides UOW researchers with statistical advice. They can advise on planning surveys and experiments, statistical analysis, presentation of results and preparation of grant applications. More at: http://www.uow.edu.au/informatics/maths/scs/ or email statcon@uow.edu.au.

Upcoming Funding Opportunities

<table>
<thead>
<tr>
<th>Due Date</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 October</td>
<td>ARC Linkage Projects - first draft of application due to RSO for review</td>
</tr>
<tr>
<td>31 October</td>
<td>URC Research Partnerships Scheme (Round 2)</td>
</tr>
<tr>
<td>21 November</td>
<td>ARC Linkage Projects - applications due to the ARC</td>
</tr>
<tr>
<td>24 November</td>
<td>NHMRC Partnership Projects – first draft due to RSO for review</td>
</tr>
<tr>
<td>2 November</td>
<td>Bill and Melinda Gates Foundation – applications due to the Foundation</td>
</tr>
<tr>
<td>19 December</td>
<td>NHMRC Partnership Projects – applications due to the NHMRC</td>
</tr>
</tbody>
</table>

GRANT SUCCESS FOR DUBAI RESEARCHERS
UOW Dubai Campus Research Grant Scheme 2009 were announced recently. Congratulations to all the successful applicants.

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Chief Investigators</th>
</tr>
</thead>
<tbody>
<tr>
<td>Virtual Modeling of the Cochlea with Clinical Applications:</td>
<td>Dr. Catherine Todd, Dr. David Van Over, Dr. Fazel Naghdy, Dr. Muaaz Tarabichi</td>
</tr>
<tr>
<td>Visualization of Inner and Middle Ear Anatomy for Pre-operative Evaluation</td>
<td></td>
</tr>
<tr>
<td>and Surgical Training</td>
<td></td>
</tr>
<tr>
<td>A Computer-Generated, Interactive Learning Environment for Autistic Students</td>
<td>Dr. Catherine Todd, Dr. Abdellatif Tchantchane, Dr. Soly Mathew Biju, Dr. David Van Over, Prof Fazel Naghdy, Dr. Sarah Marzooqi, Dr. Arwa Kabir</td>
</tr>
<tr>
<td>Industry Clusters In the Free Zones: Comparative Study of Free Zones In The</td>
<td>Dr. Albert Tan, Dr. Mitra Sumit, Dr. Michael Thorpe</td>
</tr>
<tr>
<td>UAE</td>
<td></td>
</tr>
<tr>
<td>Does Economic Progress mean Greater Happiness? Indicators of Gross National</td>
<td>Dr. Payyazh Jayashree, Dr. Peter Hosie, Dr Michael Thorpe</td>
</tr>
<tr>
<td>Happiness in the United Arab Emirates</td>
<td></td>
</tr>
<tr>
<td>Platform and Interface for programming MyRo Robots for Novice</td>
<td>Dr. Mohamed Salem, Dr. Farhad Oroumchian, Jaspreet Singh</td>
</tr>
<tr>
<td>Implications of increased online-sources and readily-available e-tec-</td>
<td>Mrs Zeenath Reza Khan, Dr. Mohamed Salem</td>
</tr>
<tr>
<td>technology on students’ attitudes towards e-cheating in the UAE</td>
<td>Dr. Ghassan al Qaimari</td>
</tr>
<tr>
<td>Intrusion Detection by Data Mining and Information Theory</td>
<td>Dr. Halim Khelalfa, Dr. Farhad Oroumchian, Jaspreet Singh</td>
</tr>
</tbody>
</table>

Research Strength Showcase Series 2008
This lunchtime lecture series has finished for the year
If you have missed any of the lectures from this year and would like to hear what our speakers had to say, visit: http://lectopia.cedir.uow.edu.au/lectopia/lectopia.lasso?ut=794

Research Strength Showcase Series 2008
A/Prof. Paul Keller (left) presented the last lecture for 2008.
Uni in the Brewery: Don’t miss the last one for 2008!!!

All staff, students and the general public are welcome and encouraged to contribute in discussion at the Five Islands Brewery in Wollongong. Our final session for the year is on Climate Change. See details below.

Associate Professor Sharon Robinson (School of Biological Sciences)
“Climate Change makes life tougher for Antarctic plants”
22nd October - 5:30pm-6:30pm
At the Five Islands Brewery
If you have any suggestions for 2009 speakers, drop us a line (vwallace@uow.edu.au).
More at:

ATTENTION HDR STUDENTS AND SUPERVISORS

Annual Progress Reports for 2008 will be released online to HDR students on 13th October 2008. It is a course requirement that all research students complete an APR in order to be re-enrolled for 2009. Please go to the following link for information on APR guidelines and processes: http://www.uow.edu.au/research/rsc/hdrhb/UOW008952.html
If you have any further enquiries please don’t hesitate to contact the Research Student Centre on Ext.5672.

NEW STAFF

Dr Tamantha Stutchbury has commenced as the new Intellectual Property (IP) Officer within the Commercial research Unit. Tamantha has been associated with the University for the last 13 years, recently holding Research and Academic positions within the School of Biological Sciences. The IP Officer role will involve identifying, recording and managing UOW IP. This will include the establishment of an IP Database, provide IP promotion and training, assist the administrative aspects of IP management and provide MIC support. Contact details for Tam are x5025 or tamantha@uow.edu.au

Dr Gavin Dixon is the new MIC for Health, Science, Medicine and Arts. He trained as a neuroscientist at USYD, gaining a BSc(Hons) and a PhD in the field of brain development. He worked as a scientist at UNSW, UQ and USYD, researching the pathology of human brain disorders such as schizophrenia, alcohol-related brain damage and bipolar disorders. He was involved in an internet start-up from 1996-1998 which served the tourism industry of the far north coast of NSW. In 1999, he and his wife founded Sydney’s first argentine tango dance school! He also trained as a patent and trademark attorney from 2002-2005 and worked from 2004-2008 as IP Director for an ASX-listed biotech called Apollo Life Sciences, a company with interests in drug delivery platforms, therapeutic proteins and cosmetics.

COMMERCIAL RESEARCH UNIT - RESEARCH PARTNERSHIPS GOLF DAY

The inaugural Research Partnerships Golf Day was hosted by the Commercial Research Unit at The Links Shell Cove on Friday the 25th of July. Nine teams comprising UOW employees and industry partners tackled the course in an ambrose competition.

The ambrose format proved to be a fun way for UOW researchers to build on relationships with industry partners in an informal, if not entirely competitive, environment.

Industry attendees included Bluescope Steel, the RTA, Simplot (Melbourne), Castrol Industries, Posco Steel (Korea), Coal Services, Wingecarribee Shire Council and Neami. Participants commented that they enjoyed this novel interaction with their research partners. Some of this feedback is provided below:

“…we were able to have informal conversations about possible future research directions, and we were able to get to know each other better.”

“The day provided an excellent, relaxed forum for networking with colleagues from across the sector and there was some good and serious discussions held between bouts of laughter.”

“Although the primary targets are our Commercial Research partners, I think that events such as the golf day have the added benefit of strengthening teams within the university.”

“During the day I obtained the name of a contact to establish a student work experience placement program and I have since acted on that information with what appears to be a positive outcome. In addition I also managed to gain access to some specialist equipment from my other guest.”

Competition for the Cup was very tight with less than three strokes separating the first four teams, but the overall winners on the day with a net score of 58.875 were the Education team of Barry Harper, Gwyn Brickell, Phil Luskan and Paul Manning. In second place with a score of 59.875 were the Engineering 2 team of Alex Dunstan, Phil Flentje, Denis Montgomery and Richard Webb, while the Health and Behavioural Sciences team of Brian Davies, John Henderson, Ken Cram and Paul Bartley came third with a score of 60.625.
Milestone for Research Online

RO recently passed the milestone of 500,000 downloads – evidence of the visibility and accessibility of UOW research. Adding to the number of items is a current project to move the existing 550 digital theses from their aging software platform to the repository. The project will assist in consolidating open access to UOW research from one location.


Database Features and Enhancements

IEEExplore

Covering all areas of ICT and electrical engineering, IEEExplore is launching a number of new features:

- PDF watermarking or stamping – produces a stamp on each downloaded PDF containing the date and time of download
- PDF banner – produces a web banner at the top of the PDF allowing the user to link back directly to either IEEExplore or to www.ieee.org
- Integration of MeSH terms – these are article index terms produced by the National Library of Medicine. Integration of these terms in IEEExplore will make simplify finding biomedical information.

Web of Science Citation Mapping and Visualization

The Citation Map feature provides a visual understanding of citations including cited references – past influences as well as citing references – subsequent influences. It allows the user to go beyond direct citations to discover an article’s wider citation relationships. The map can be colour coded to allow you to see citations by subject area, by country or by journal. Maps can be saved or printed. To utilize this feature, you will need the latest version of Java on your computer.

RESEARCH NEWS, AWARDS AND ACHIEVEMENTS

Congratulations to Professors Matt Wand and Gordon Wallace (pictured) who were awarded the title of NSW Scientist of the Year for the categories of Mathematical Sciences and Chemistry. Solar cell expert Professor Martin Green from the University of New South Wales was named overall winner of the NSW Scientist of the Year Award. The ceremony, held at Government House in Sydney in September was a celebration and recognition of outstanding individuals carrying out cutting-edge work that generates economic, health, environmental or technological benefits to NSW. The Director General of the Department of State and Regional Development, Barry Buffier, gave the welcome and introduction and the Minister for Science and Medical Research, Mr Tony Stewart gave the opening address. UOW’s Deputy Vice-Chancellor (Research), Professor Judy Raper, was also in attendance.

Dr Ping Yu and her Research Masters student Ms. Esther Munyisia from the School of Information Systems and Technology, Faculty of Informatics have won the 2008 Don Walker Award (‘access’ category) for their scientific report entitled “The Change of Documentation Time Associated with the Introduction of an Electronic Documentation System in a Nursing Home”. The report was submitted to the Health Informatics Conference 2008 (HIC 2008). The research was the first of its kind conducted in an aged care facility. The findings demonstrate the impact of health IT solutions on a caregiver’s work practice and efficiency. It provides sound evidence that will shape the management strategies and practices in introducing health IT solutions in health and aged care organisations.

Early career academics and final year PhD students were given the skills and knowledge to enhance their careers at a 2-day workshop in September. The Launching Your Academic Career Workshop, featured a range of presenters including Deputy Vice-Chancellor (Research) Professor Judy Raper, Deputy Vice-Chancellor (Operations) Professor John Patterson and Pro Vice-Chancellor (Research) Professor Lee Astheimer. Topics covered during the workshop included how to manage teaching and establish a research portfolio, where to publish academic work and how to write effective grant proposals. It is the first time final year PhD students and early career academics were combined to participate in one workshop.

Professional and Organisational Development Services (PODS) and the Research and Innovation Division at UOW worked together to develop the workshop which also featured a ‘Networking in Practice’ evening session.

Prime Minister Kevin Rudd and three of his senior Ministers attended the launch of the UOW’s Australian National Centre for Ocean Resources and Security (ANCORS) research agenda in Canberra on 3rd September. The Prime Minister was accompanied by Attorney-General Robert McLelland, Defence Minister Joel Fitzgibbon and Innovation, Industry Science and Research Minister Kim Carr to the launch at Parliament House in Canberra. The function, was hosted by Member for Cunningham Jennie George. ANCORS’ research agenda looks at the impact that climate change, particularly any rise in the sea level, will have for ocean and maritime policy in Australia and the Asia-Pacific region in the 21st century. ANCORS Advisory Board Chair-
Congratulations to the Dean of the Faculty of Informatics, Professor Joe Chicharo, who has been appointed President of the first ever peak body to represent the Information and Communications Technology (ICT) sector across all Australian universities. Joe was elected President of the Australian Council of Deans of ICT at the inaugural meeting of the new peak body held in Sydney on July 25.

The Ghan tourist train has been harnessed by Australian scientists to help track changes in greenhouse gas emissions across the country as part of an international carbon measuring network. As the luxury train cuts through the heart of Australia from Adelaide to Darwin, infra-red technology on board is measuring changes in levels of carbon dioxide and other greenhouse gases. Researcher Nicholas Deutscher, a doctoral student at the UOW’s Centre for Atmospheric Chemistry, says the research is pinpointing sources and sinks of greenhouse gases in the centre of the country. The findings will feed into the international Total Carbon Column Observing Network project, (see: http://www.tccon.caltech.edu/) which aims to precisely measure various greenhouse gas levels at locations around the world. Knowing the locations of sources and sinks of gas emissions helps combat climate change by pinpointing ones which might be able to be controlled.  The Ghan instrument has been developed at Wollongong and is based on Fourier Transform Infrared technology that measures changes in light absorption due to increases in gas. A small tube sucks in air from outside the train, locating the exact position of the air source by GPS. The air is then analysed. Pictured in front of the Ghan are Nicholas and Prof. David Griffith. See article at ABC Online: http://www.abc.net.au/sci-

The release of the highly-respected 2008 Jiao Tong rankings has seen the University of Wollongong significantly strengthen its position as one of the world’s top 2 per cent of research universities. Wollongong made the Top 500 list last year and now the 2008 list reveals that UOW has achieved a marked increase in its standing.

The Academic Ranking of World Universities by the Institute of Higher Education, Shanghai Jiao Tong University, is strongly weighted in favour of research. University of Wollongong Vice-Chancellor, Professor Gerard Sutton, said the ranking was a testament to the University’s growing international reputation as a research-intensive university -- a fact reinforced with the 5-star rating UOW recently received in the 2009 Good Universities Guide.

The Eureka awards were announced recently. Congratulations to A/Prof Kris French and PhD student Holly Parsons for their success in a collaborative project with the Australian Museum. Their project, “Birds in Backyards” won the Environmental Sustainability Education Award. Take a look at the website at http://www.birdsinbackyards.net for more information on their project.

At the Australian Young Geotechnical Professionals Competition held in Sydney (September) at the Inst. of Engineers, final year UOW PhD Student David Oliveira from Brazil was awarded the Runner-up award, the winner being a practicing engineer from Arup Geotechnics (Ms. Kathryn Pike). This follows previous awards to Dr Price, Dr Sathananthan, Dr Cholachat and Dr Behzad from the UOW’s geotechnical group since the inception of this competition several years ago. David’s PhD research is on the Implications of Clay-infilled Rock Joints on Landslides and Tunneling (supervised by Prof. Buddhima and Dr Jan Nemcik).

The Centre for Canadian-Australian Studies recently hosted an ‘All Canada Day’ on campus. The aims of the day were to: conduct and facilitate Canada-related and comparative research; support the inclusion of Canadian content into teaching programs; attract and support Canadian students in Australia and provide pathways for Australian students to travel, study and research in Canada; and enhance cultural and intellectual linkages between Australia and Canada. All UOW staff and students were invited to participate in a range of events. A reception was also held to mark the 2008 ‘re-launch’ of the UOW Centre for Canadian-Austral-ian Studies.

Researchers from the Illawarra Institute for Mental Health (iiMH) have been contracted for their second research consultancy to take mental health training activities to North America in two years. After successful implementation of a medication adherence program by UOW psychology lecturer, Mitch Byrne, and colleagues in a large Washington State Psychiatric Hospital last year, iiMH researchers have now been asked...
to implement a second program in Whitby, Toronto. This time the training program and associated research will involve assisting Whitby Mental Health Centre to become a recovery oriented service, by implementing the UOW Collaborative Recovery Model. The tertiary mental health centre has employed Dr Crowe, Dr Oades and Professor Frank Deane (iiMH Director) as international consultants to oversee the implementation of the model developed at UOW. Dr Oades said Whitby was an impressive centre looking to make significant changes to its provision of mental health services, providing greater autonomy and expectation of personal growth for long-term patients.

Dr Trevor Crowe (second right) and Dr Lindsay Oades (third from right) with the senior management of Whitby Mental Health Centre including CEO Glenna Raymond (far right)

Congratulations to Engineering Student Ben Hardaker who was honoured with a Churchill Fellowship by the Governor of NSW, Her Excellency Professor Marie Bashir at Government House recently. Ben is undertaking research into the best ways of remediating asbestos-contaminated soil. He is majoring in environmental and civil engineering at the UOW and will be using his fellowship to visit key environmental professionals and organisations in the US, England, Scotland and the Netherlands.

UOW has officially signed a collaborative research contract agreement involving the security of small mobile devices with the Institute for Infocomm Research (I2R) in Singapore. The purpose of this research collaboration is to conduct joint research between UOW’s Centre for Computer and Information Security Research, School of Computer Science and Software Engineering (which resides within the ICT Research Institute) and the Institute for Infocomm Research, Singapore.

Dr Joonsang Baek and Dr Jianying Zhou from Singapore’s national ICT research institution ‘Institute for Infocomm Research’ and A/Prof. Willy Susilo from UOW will work together to develop efficient and effective security mechanisms that can be used in the environments where computing/communication resources are severely constrained. Professor Susilo said that the resulting outcome would be a significant enhancement to the existing technology and will hopefully result in new patentable technology.


Commerce Faculty Dean, Professor Shirley Leitch and Professor Judy Motion were recently invited to make an oral and subsequently written submission to the ARC’s review of National ICT Australia (NICTA) based on their expertise in the area of science-society engagement. Their submission noted that the public do not necessarily want to understand science and scientific processes but they do want to know what the implications are for individuals and society. They proposed science-society engagement, and the use of social science expertise at an early stage, to broaden not only the commercial framework of NICTA but, more generally, to strengthen science and technology research in Australian. Leitch and Motion highlighted three issues for strengthening the connection between public values and research sector. First, the ITC sector needs to consider public values at an early stage. Second, beliefs, values and emotions play a significant role in the uptake of new technology and science-based arguments are not sufficient to convince the public to accept new developments. Third, they argued that science-society engagement may be most effective in forums where the public can communicate and debate such as social networking sites, blogs, YouTube, and other internet-based environments. One example noted in the submission was the broadcast of the Live Earth concerts to an estimated 15 million people via video stream escalating the popular character of worldwide debate on global warming.

Keep an eye out for the Learning-Teaching-Research Nexus event series. Five events will be held in October and November launched by the Deputy Vice-Chancellor (Research) Prof. Judy Raper. Events are listed at: http://www.uow.edu.au/cedir/nexus

Dynamic US piano duo

As part of an ongoing Artist in Residence program, two well-known pianists from the United States visited the Faculty of Creative Arts recently. Amy Williams and Amy Briggs-Dissanayake brought their international expertise to the School of Music and Drama. The acclaimed piano duo conducted workshops with undergraduate students in the Sound-Composition and Production program and gave a Postgraduate Research Seminar on August 7. The highlight of the residency was a public concert of 20th century masterpieces and cutting edge works for piano on Friday, August 8. The concert also featured the world premiere of Williams’ composition, Astoria, while Briggs-Dissanayake performed a selection of soon to be released recordings of 20th and 21st century tangos for solo piano.

AOSC reaches international audience

It may be small but AOSC has been connecting with research colleagues around the world. The AOSC (the Australasian Occupational Science Centre) was recently established at the Shoalhaven Campus. Director, Dr Alison Wicks, is currently in Stockholm, Sweden as a visiting scholar at the Karolinska Institutet’s Division of Occupational Therapy in the Department of Neurobiology, Care Sciences and Society. She is investigating the possibility of a collaboration between the Karolinska Institutet and AOSC on research related to an occupational perspective on dementia and on retirement.

The trip to Sweden immediately followed Dr Wicks’ participation as a keynote speaker at the ENOTHE* meeting in Berlin and as an international guest at a workshop at the Hogeschool van Amsterdam, Netherlands.

Further information about AOSC and its projects is available from its website, http://shoalhaven.uow.edu.au/aosc

* ENOTHE – European Network of Occupational Therapists in Higher Education.
Submissions are invited from researchers, primarily Early Career Researchers (within 5 years of their PhD) and PhD or equivalent research students to present their research at the ARNAM 2008 Annual Event. The ARNAM workshop will be an informal workshop to be held at Deakin University’s Waurn Ponds campus in Victoria. The two and a half day workshop will focus on the following five research areas:

1. Structural and functional materials & processes
2. Electronic, photonic, magnetic materials and processes
3. Energy and environmental materials and biomaterials applications
4. Manufacturing materials and processes
5. Materials characterisation

Abstracts of contributed papers can be submitted online. Abstract deadline: 17 October 2008. Up to 10 prizes will be awarded for the best oral and poster presentations by early career researchers and students. The total value of these prizes will be more than $3,000 and award plaques. More at: http://www.materials.com.au/arnam2008/

- Immersive Multi-media Services: New immersive virtual environments for collaboration and sharing of multimedia content. Research Leader: Prof. Farzad Safaei (farzad@uow.edu.au)
- Common Business and Service Frameworks: Methods and tools to identify and create business processes and services and to plan and prioritise investments. Research Leader: Prof. Aditya Ghose (aditya@uow.edu.au)
- Service Aggregation: Methods and tools to create composite services and manage alignment of policies, privacy, and security. Research Leader: Assoc. Prof. Willy Susilo (wsusilo@uow.edu.au)
- Education and New Media: Methods and tools to effectively integrate digital assets into educational practices. Research Leader: Dr. Christian Ritz (critz@uow.edu.au)

Do you have research collaborators or partners who you think would like to receive this research newsletter? Please send me (vwallace@uow.edu.au) their relevant details and I can add them to an e-mail list (for an electronic copy) or mail list (for a hard copy).


Further info/inquiries:
Scott Martin
02-9413-7746
scott.martin@csiro.au

To ensure inclusion of your research news, event or service in the last issue of RaID for 2008 (due for publication by early/mid December), please e-mail details to vwallace@uow.edu.au by November 28th.